

PJAS Region 6 Engineering Project Judging Rubric

Presenter's Name: _____ School: _____

Unit #: _____ Project Subject: _____

Category & Characteristics (bullet points)	Comments <i>(may use back also)</i>	Score (1 - 5)
Engineering Approach/Statement of the Problem <ul style="list-style-type: none"> Problem to be solved is clearly stated. Prob. scope is well-defined & serves a clear purpose. Solution is novel. All aspects of the problem are addressed. Can reason from findings to suggest additional work. 		
Procedural Plan <ul style="list-style-type: none"> Design process is appropriate & complete. Design process well-supported by documentation. <i>(ex. written descriptions, drawings, schematics, flow charts)</i> Construction is feasible, cost effective <i>(cost of project should be included).</i> 		
Analytical Approach <ul style="list-style-type: none"> Rationale for solution is clear, appropriate & well-supported Mathematical approach included, appropriate statistical analysis or other quantitative comparison correctly executed & explained. <i>(Related to the relevant science discipline, as appropriate.)</i> 		
Presentation <ul style="list-style-type: none"> Presentation is clear Visuals are understandable and enhanced the presentation <i>(proofread)</i> Knowledgeable & Confident Spoke clearly <i>(audibly, appropriate pace, eye contact)</i> Referred to notes <i>(if needed)</i> but did not read them Could answer judge's questions satisfactorily. 		
Judge's Opinion <ul style="list-style-type: none"> The project was of proficient quality in all areas: planning, methods, final product, and presentation The project is appropriate for his/her current grade level 		

Scoring Key

Score Awarded	5	4	3	2	1
Characteristics Met	Exceeds	All	Most	Few	None
PJAS Place Award	1 st	1 st	2 nd	3 rd	3 rd

Revised 11/10/2014